FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

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FILING DATE August 18, 1994 GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
Agri	AA	4,792,418	12/20/88	Rubin et al.	260	412	
	AB	4,758,438	7/1988	Stroz et al.	_		
	AC	4,304,794	12/1981	Dwivedi et al.			
	AD	3,924,017	12/1975	Lee et al.			
\	ΑE	3,908,028	9/1975	Neely et al.			
	AF	3,908,026	9/1975	Neely et al.			
	AG	3,667,969	6/1972	Kracauer	_		
1	АН	3,647,482	3/1972	Yueh			
Alu	ΑI	3,296,079	1/1967	Griffin			

FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	YES	NO
AN	AJ	WO 89/00606	01/26/89	PCT				
1	_AK	WO 88/10112	12/29/88	PCT				
2	AL	58-213613	06/10/85	JAPAN				
AV	AM	58-196068	05/17/85	JAPAN				
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AN	AN	Ainsworth, "Introduction and Keys to Higher Taxa.", pp. 1-7, 1973, in <u>The Fungi. An Advanced Treatise</u> , Vol. 4B, (G.C. Ainsworth et al. eds., Academic Press)
	AO	Bahnweg et al., "A New Approach to Taxonomy of the Thraustochytriales and Labyrinthulales", pp. 131-140, 1986, in <u>The Biology of Marine Fungi,</u> (S.T. Moss ed., Cambridge University Press)
	AP	Bartnicki-Garcia, "The Cell Wall: A Crucial Structure in Fungal Evolution", pp. 389-403, 1988, in Evolutionary Biology of the Fungi, (A.D.M. Rayner et al. eds., Cambridge University Press)
	AQ	Behrens et al., "Eicosapentaenoic Acid from Microalgae", p. 623, col. 2, abstract no. 193025d, 1989, Chemical Abstracts, Vol. 111, No. 21, Nov. 20.
	AR	Cavalier-Smith, "The Origin of Nuclei and of Eukaryotic Cells", pp. 463-468, 1975, Nature, Vol. 256
	AS	Cerda-Olmeda et al., "A Biography of <u>Phycomyces</u> ", pp. 7-26, 1987, in <u>Phycomyces</u> , (Cerda-Olmeda et al. eds., CSH Laboratory)
	AT	Dick, "Saprolegniales", pp. 113-144, 1973, in <u>The Fungi. An Advanced Treatise</u> , (G.C. Ainsworth et al. eds., Academic Press))
	AU	Ellenbogen, "Polyunsaturated Fatty Acids of Aquatic Fungi: Possible Phylogenetic Significance", pp. 805-811, 1969, Comp. Biochem. Physiol., Vol. 29
	AV	Emerson, "Current Trends of Experimental Research in the Aquatic Phycomycetes", pp. 169-200, 1950, <u>Ann. Rev.</u> <u>Micro.</u> , Vol. 4
	AW	Erwin, "Comparative Biochemistry of Fatty Acids in Eukaryotic Microorganisms", pp. 41-143, 1973, <u>in Lipids</u> and Biomembranes of Eukaryotic Microorganisms, (J. Erwin ed., Academic Press
	AX	Findlay et al., "Biochemical Indicators of the Role of Fungi and Thraustrochytrids in Mangrove Detrital Systems", pp. 91-103, 1986, in <u>The Biology of Marine Fungi</u> , (S.T. Moss ed., Cambridge University Press)
	AY	Fuller, et al., "Isolation and Pure Culture Study of Marine Phycomycetes", pp. 745-756, 1964, <u>Mycologia</u> , Vol. 56
	AZ	Gellerman et al., "Methyl-Directed Desaturation of Arachidonic to Eicosapentaenoic Acid in the Fungus, Saprolegnia Parasitica", pp. 23-30, 1979, <u>Biochim. Biophys. Acta</u> , Vol. 573
	ВА	Goldstein, "Development and Nutrition of New Species of Thraustochystrium", pp. 271-279, 1963, <u>Am. J. Bot.</u> , Vol. 50
4/	BB	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. II. Nutrition and Respiration", pp. 468-472, 1969, <u>Mycologia</u> , Vol. 61
Au	ВС	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. I. Development and Cytology", pp. 1-11, 1966, <u>Archiv for Mikrobiologie</u> , Vol. 53.1

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AV	BD	Henderson et al., "Lipid Composition and Biosynthesis in the Marine Dinoflagellate Crypthecodinium Cohnii", pp. 1679-1683, 1988, Phytochemistry, Vol 27. No. 6
1	BE	Hori et al., "The Nucleotide Sequence of 5S rRNA from a Cellulai Slime Mold <u>Dictyostelium Discoideum</u> ", pp. 5535-5539, 1980, <u>Nucl. Acids Res.</u> , Vol. 8
	8F	Hunter, "Fish Oil and Other Omega-3 Sources", pp. 1592-1596, 1987, J. Am. Oil Chem. Soc., Vol. 64
	BG	Jong et al., "American Type Culture Collection Catalogue of Fungi/Yeast", pp. 350 and 378, American Type Culture Collection, 17th Edition, 1987.
	вн	Kates, "Techniques of Lipidology: Isolation, Analysis and Identification of Lipids", pp. 186-278, 1986, Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 3
	ВІ	Kyle, "Microalgae as a Source of EPA-Containing Oils", p. 1251, 1987, J. Am. Oil Chem. Soc., Vol. 64
	BJ	Lepage et al., "Improved Recovery of Fatty Acid Through Direct Transesterification Without Prior Extraction or Purification", pp. 1391-1396, 1984, J. Lipid Res., Vol. 25
	BK	Mannella et al., "Interrelatedness of 5S RNA Sequences Investigated by Correspondence Analysis", pp. 228-235, 1987, J. Mol. Evol., Vol. 24
	BL	Miller, "Isolation and Pure Culture of Aquatic Phycomycetes by Membrane Filtration", pp. 524-527, 1967, Mycologia, Vol. 59
	ВМ	Moss, "Biology and Phylogeny of the Labrinthulales and Thraustochytriales", pp. 105-129, 1986, in <u>The Biology</u> of Marine Fungi, (S.T. Moss ed., Cambridge University Press)
	BN	Perkins, "Phylogenetic Considerations of the Problematic Thraustochytriaceous-Labrinthulid-Dermocystidium Complex Based on Observations of Fine Structure", pp. 45-63, 1974, Veroff. Inst. Meeresforsch. Bremerh. Suppl., Vol. 5
	во	Pigot, "The Need to Improve Omega-3 Content of Cultured Fish", pp. 63-68, 1989, World Aquaculture, Vol. 20
	ВР	Pohl et al., "Fatty Acids and Lipids of Marine Algae and the Control of Their Biosynthesis by Environmental Factors", pp. 473-523, 1979, Marine Algae in Pharmaceutical Science, (Hoppe et al. eds.)
	BQ	Ryther, "Cultivation of Macroscopic Marine Algae", pp. 79-88, 1983, <u>Solar Energy Research Institute Aquatic</u> Species Program Review. Proc of the March 1983 Principal Investigators Meeting, SERI/CP/-231 1946
,	BR	Schlenk, "Urea Inclusion Compounds of Fatty Acids", pp. 243-267, 1954, <u>Prog. Chem. Fats and Other Lipids</u> , Vol. 2
	BS	Schneider, "Cultivation of Micro-organisms. Section 3.2: Fungi", pp. 337-345, 1976, in Marine Ecology, Vol. 3, Part 1. Cultivation, (O. Kinne ed., Wiley and Sons)
	вт	Simopoulos et al. (eds.), <u>Health Effects of Polyunsturated Fatty Acids in Seafoods</u> , Chaps. 2-5, 7, 17, 1986, Academic Press)
An	BU	Sorokin, "Dry Weight, Packed Cell Volume and Optical Density", pp. 321-343, 1973 in <u>Handbook of Phycological</u> Methods: Culture Methods and Growth Measurements, (J.R. Stein ed., Cambridge University Press)

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CA _R	вv	Sparrow, Aquatic Phycomycetes, pp. 36-39, 1960, University of Michigan Press
11/2	B₩	Wassef, "Fungal Lipids", pp. 159-232, 1977, Adv. Lipid Res., Vol. 15
	вх	Weete, "Fatty Acids", pp. 49-95, 1980, in <u>Lipid Biochemistry of Fungi and Other Organisms</u> , (Plenum Press)
	ВҮ	Yamada et al., "Production of Arachidonic Acid and Eicosapentaenoic Acid by Microorganisms", p. 1254, 1987, J. Am. Oil Chem. Soc., Vol. 64

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INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

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dkw	AA	5,130,242	07/14/92	Drp Barclay	345	134	
Sku	AB	4,792,418	12/20/88	Rubin et al.	260	412	
dker	AC	4,670,285	06/02/87	Clandinin et al.	426	602	
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FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	YES	NO
dkw	AE	WO 92/12711	08/06/92	РСТ		_		
dlw	AF	WO 89/00606	01/26/89	PCT				
ollow	AG	WO 91/14427	10/03/91	PCT				
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clau	AI	58-213613	06/10/85	JAPAN				
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FILING DATE August 18, 1994 GROUP ART

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Alger	AM	Ainsworth, "Introduction and Keys to Higher Taxa.", pp. 1-7, 1973, in <u>The Fungi. An Advanced Treatise</u> , Vol. 4B, (G.C. Ainsworth et al. eds., Academic Press)
	AN	Akimoto et al., "Metal Salts Requisite for the Production of Eicosapentaenoic Acid by a Marine Bacterium Isolated from Mackerel Intestines", pp. 504-508, 1991, <u>JAOCS</u> , Vol. 68, July.
	AO	Ando et al., "Incorporation of n-3 Polyunsaturated Fatty Acids into Phospholipids of a Marine Bacterium <u>Vibrio</u> sp. Cultivated with Sardine Oil", pp. 169-171, 1992, <u>J. Ferm. Bioeng.</u> , Vol. 73.
	AP	Bahnweg et al., "A New Approach to Taxonomy of the Thraustochytriales and Labyrinthulales", pp. 131-140, 1986, in The Biology of Marine Fungi, (S.I. Moss ed., Cambridge University Press)
	AQ	Bajpai et al., "Production of Docosahexaenoic Acid by <u>Thraustochytrium aureum</u> ", pp. 706-710, 1991, <u>Appl.</u> Microbiol. Biotechnol., Vol. 35.
	AR	Bajpai et al., "Effects of Aging <u>Mortierella</u> Mycelium on Production of Arachidonic and Eicosapentaenoic Acids", pp. 775-780, 1991, <u>JAOCS</u> , Vol. 68, October.
	AS	Bajpai et al., "Optimization of Production of Docosahexaenoic Acid (DHA) by <u>Thraustochytrium aureum</u> ATCC 34304, pp. 509-514, 1991, <u>JAOCS</u> , Vol. 68, July.
	AT	Bajpai et al., "Eicosapentaenoic Acid (EPA) Formation; Comparative Studies with <u>Mortierella</u> Strains and Production by <u>Mortierella elongata</u> ", pp. 1294-1298, 1991, <u>Mycol. Res.</u> , Vol 95.
	AU	Bartnicki-Garcia, "The Cell Wall: A Crucial Structure in Fungal Evolution", pp. 389-403, 1988, in Evolutionary Biology of the Fungi, (A.D.M. Rayner et al. eds., Cambridge University Press)
	AV	Behrens et al., "Eicosapentaenoic Acid from Microalgae", pp. 253-259, 1989, Novel Microb. Prod. Med. Agric.
	AW	Behrens et al., "Eicosapentaenoic Acid from Microalgae", p. 623, col. 2, abstract no. 193025d, 1989, Chemical Abstracts, Vol. 111, No. 21, Nov. 20.
	AX	Boswell et al., "SCO Production by Fermentative Microalgae", pp. 274-286, 1992, in <u>Industrial Applications of Single Cell Oils</u> (Kyle et al., eds.), American Oil Chemists' Society, Champaign, IL.
	AY	Cavalier-Smith, "The Origin of Nuclei and of Eukaryotic Cells", pp. 463-468, 1975, Nature, Vol. 256
	AZ	Cerda-Olmeda et al., "A Biography of <u>Phycomyces</u> ", pp. 7-26, 1987, in <u>Phycomyces</u> , (Cerda-Olmeda et al. eds., CSH Laboratory)
	ВА	Cohen et al., "Overproduction of γ -Linolenic and Eicosapentaenoic Acids by Algae", pp. 569-572, 1992, Plant Physiol., Vol. 98.
dku	BB	Dick, "Saprolegniales", pp. 113-144, 1973, in <u>The Fungi. An Advanced Treatise</u> , (G.C. Ainsworth et al. eds., Academic Press))

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dew	вс	Ellenbogen, "Polyunsaturated Fatty Acids of Aquatic Fungi: Possible Phylogenetic Significance", pp. 805-811, 1969, Comp. Biochem. Physiol., Vol. 29
	BD	Emerson, "Current Trends of Experimental Research in the Aquatic Phycomycetes", pp. 169-200, 1950, <u>Ann. Rev.</u> <u>Micro.</u> , Vol. 4
	BE	Erwin, "Comparative Biochemistry of Fatty Acids in Eukaryotic Microorganisms", pp. 41-143, 1973, <u>in Lipids</u> and Biomembranes of Eukaryotic Microorganisms, (J. Erwin ed., Academic Press
	BF	Findlay et al., "Biochemical Indicators of the Role of Fungi and Thraustrochytrids in Mangrove Detrital Systems", pp. 91-103, 1986, in <u>The Biology of Marine Fungi</u> , (S.T. Moss ed., Cambridge University Press)
	BG	Fuller, et al., "Isolation and Pure Culture Study of Marine Phycomycetes", pp. 745-756, 1964, <u>Mycologia</u> , Vol. 56
	ВН	Gandhi et al., "Production of the Polyunsaturated Fatty Acids Arachidonic Acid and Eicosapentaenoic Acid by the Fungus Pythium ultimum, pp. 1825-1830; 1991, J. Gen. Microbiol., Vol 137.
	BI	Gellerman et al., "Methyl-Directed Desaturation of Arachidonic to Eicosapentaenoic Acid in the Fungus, Saprolegnia Parasitica", pp. 23-30, 1979, Biochim. Biophys. Acta, Vol. 573
	BJ	Goldstein, "Development and Nutrition of New Species of Thraustochystrium", pp. 271-279, 1963, <u>Am. J. Bot.</u> , Vol. 50
	ВК	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. II. Nutrition and Respiration", pp. 468-472, 1969, Mycologia, Vol. 61
	BL	Goldstein et al., "Biology of a Problematic Marine Fungus, Dermocystidium sp. I. Development and Cytology", pp. 1-11, 1966, Archiv for Mikrobiologie, Vol. 53.1
	ВМ	Hansen et al., "Effects of Culture Conditions on Accumulation of Arachidonic and Eicosapentaenoic Acids in Cultured Cells of <u>Rhytidiadelphus squarrosus</u> and <u>Eurhynchium striatum</u> , pp. 1837-1841, 1991, <u>Phytochemistry</u> , Vol. 30.
	BN	Henderson et al., "Lipid Composition and Biosynthesis in the Marine Dinoflagellate Crypthecodinium Cohnii", pp. 1679-1683, 1988, Phytochemistry, Vol 27. No. 6
	во	Hori et al., "The Nucleotide Sequence of 5S rRNA from a Cellulai Slime Mold <u>Dictyostelium Discoideum</u> ", pp. 5535-5539, 1980, <u>Nucl. Acids Res.</u> , Vol. 8
	ВР	Hunter, "Fish Oil and Other Omega-3 Sources", pp. 1592-1596, 1987, <u>J. Am. Oil Chem. Soc.</u> , Vol. 64
	BQ	Jong et al., "American Type Culture Collection Catalogue of Fungi/Yeast", pp. 350 and 378, American Type Culture Collection, 17th Edition, 1987.
	BR	Kates, "Techniques of Lipidology: Isolation, Analysis and Identification of Lipids", pp. 186-278, 1986, Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 3
dku	BS	Kendrick et al., "Microbial Polyunsaturated Fatty Acids of Potential Commercial Interest", pp. 59-65, 1992, SIM Industrial Microbiology NEWS, Vol. 42.

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FILING DATE August 18, 1994 GROUP ART

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dev	ВТ	Kendrick et al., "Lipids of Selected Molds Grown for Production of n-3 and n-6 Polyunsaturated Fatty Acids", pp. 15-20, 1992, <u>LIPIDS</u> , Vol. 27.
	BU	Kyle, "Microalgae as a Source of EPA-Containing Oils", p. 1251, 1987, J. Am. Oil Chem. Soc., Vol. 64
	в٧	Kyle et al., "Bioproduction of Docosahexaenoic Acid (DHA) by Microalgae", pp. 287-300, 1992, in <u>Industrial</u> Applications of Single Cell Oils (Kyle et al., eds.), American Oil Chemists' Society, Champaign, IL.
	BW	Kyle et al., "Microalgae as a Source of EPA-Containing Oils", pp. 117-121, 1988, <u>Proc World Conf.</u> Biotechnol. Fats Oils Ind.
	вх	Lepage et al., "Improved Recovery of Fatty Acid Through Direct Transesterification Without Prior Extraction or Purification", pp. 1391-1396, 1984, J. Lipid Res., Vol. 25
	ВҮ	Mannella et al., "Interrelatedness of 5S RNA Sequences Investigated by Correspondence Analysis", pp. 228-235, 1987, J. Mol. Evol., Vol. 24
	BZ	Miller, "Isolation and Pure Culture of Aquatic Phycomycetes by Membrane Filtration", pp. 524-527, 1967, Mycologia, Vol. 59
	CA	Moss, "Biology and Phylogeny of the Labrinthulales and Thraustochytriales", pp. 105-129, 1986, in <u>The Biology</u> of Marine Fungi, (S.T. Moss ed., Cambridge University Press)
	СВ	Perkins, "Phylogenetic Considerations of the Problematic Thraustochytriaceous-Labrinthulid-Dermocystidium Complex Based on Observations of Fine Structure", pp. 45-63, 1974, <u>Veroff. Inst. Meeresforsch. Bremerh.</u> Suppl., Vol. 5
	CC	Pigot, "The Need to Improve Omega-3 Content of Cultured Fish", pp. 63-68, 1989, World Aquaculture, Vol. 20
	CD	Pohl et al., "Fatty Acids and Lipids of Marine Algae and the Control of Their Biosynthesis by Environmental Factors", pp. 473-523, 1979, Marine Algae in Pharmaceutical Science, (Hoppe et al. eds.)
	CE	Radwan, "Sources of C ₂₀ -Polyunsaturated Fatty Acids for Biotechnical Use", pp. 421-430, 1991, <u>Appl. Microbiol.</u> Biotechnol., Vol. 35.
	CF	Ryther, "Cultivation of Macroscopic Marine Algae", pp. 79-88, 1983, <u>Solar Energy Research Institute Aquatic</u> Species Program Review. Proc of the March 1983 Principal Investigators Meeting, SERI/CP/-231 1946
	CG	Schlenk, "Urea Inclusion Compounds of Fatty Acids", pp. 243-267, 1954, Prog. Chem. Fats and Other Lipids, Vol. 2
	СН	Schneider, "Cultivation of Micro-organisms. Section 3.2: Fungi", pp. 337-345, 1976, in Marine Ecology, Vol. 3, Part 1. Cultivation, (O. Kinne ed., Wiley and Sons)
	CI	Simopoulos et al. (eds.), <u>Health Effects of Polyunsturated Fatty Acids in Seafoods</u> , Chaps. 2-5, 7, 17, 1986, Academic Press)
	Cl	Sorokin, "Dry Weight, Packed Cell Volume and Optical Density", pp. 321-343, 1973 in <u>Handbook of Phycological</u> Methods: Culture Methods and Growth Measurements, (J.R. Stein ed., Cambridge University Press)
den	СК	Sparrow, Aquatic Phycomycetes, pp. 36-39, 1960, University of Michigan Press

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dka	CL	Wassef, "Fungal Lipids", pp. 159-232, 1977, Adv. Lipid Res., Vol. 15
	CM	Weete, "Fatty Acids", pp. 49-95, 1980, in <u>Lipid Biochemistry of Fungi and Other Organisms</u> , (Plenum Press)
	CN	Yamada et al., "Production of Dihomo-γ-Linolenic Acid, Arachidonic Acid and Eicosapentaenoic Acid by Filamentous Fungi", pp. 118-138, 1992, in <u>Industrial Applications of Single Cell Oils</u> (Kyle et al., eds.), American Oil Chemists' Society, Champaign, IL.
	со	Yamada et al., "Production of Arachidonic Acid and Eicosapentaenoic Acid by Microorganisms", p. 1254, 1987, J. Am. Oil Chem. Soc., Vol. 64
	СР	Yazawa et al., "Production of Eicosapentaenoic Acid from Marine Bacteria", pp. 29-51, 1992, in <u>Industrial</u> Applications of Single Cell Oils (Kyle et al., eds.), American Oil Chemists' Society, Champaign, IL.
dka	CQ	Yongmanitchai et al., "Screening of Algae for Potential Alternative Sources of Eicosapentaenoic Acid", pp. 2963-2967, 1991, Phytochemistry, Vol. 30.

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DATE CONSIDERED

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.